Project Title	Funding	Strategic Plan Objective	Institution
Validity of an anxious subtype in autism spectrum disorders	$53,270	Q1.L.B	University of California, Los Angeles
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	$149,999	Q1.S.B	Georgia State University
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	$137,090	Q1.S.B	University of North Carolina
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$15,000	Q1.L.A	Harvard University
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	$20,000	Q1.L.B	New England Center for Children
Translational developmental neuroscience of autism	$167,187	Q1.L.B	New York University School of Medicine
Toward outcome measurement of anxiety in youth with autism spectrum disorders	$604,292	Q1.L.B	Yale University
The use of interactive television in identifying autism in young children	$217,440	Q1.S.A	University of Kansas Medical Center
The impact of uncertainty in genome-wide testing for autism spectrum disorder	$200,000	Q1.S.E	University of Pennsylvania
The effects of autism on the sign language development of deaf children	$5,000	Q1.S.B	Boston University
The early development of attentional mechanisms in ASD	$0	Q1.L.B	University of Massachusetts, Boston
The Autism Impact Measure: A new tool for treatment outcome measurement	$1,355,047	Q1.L.B	University of Missouri
Test of integrated language and literacy skills validation research	$0	Q1.Other	Western Michigan University
Testing the tuning-width hypothesis in a unified theory for autism	$60,000	Q1.L.B	Columbia University Medical Center
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$90,000	Q1.L.A	University of North Carolina at Chapel Hill
Subtyping of toddlers with ASD based on patterns of social attention deficits	$0	Q1.L.B	Yale University
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	$56,606	Q1.Other	Medical University of South Carolina
Solid-state patch clamp platform to diagnose autism and screen for effective drug	$196,247	Q1.S.A	Stanford University
Social evaluation in infants and toddlers	$393,228	Q1.L.B	Yale University
Social and statistical mechanisms of prelinguistic vocal development	$0	Q1.Other	Cornell University
Serum antibody biomarkers for ASD	$0	Q1.L.A	University of Texas Southwestern Medical Center
RNA expression studies in autism spectrum disorders	$250,000	Q1.L.A	Boston Children's Hospital
Restricted repetitive behavior in autism	$391,678	Q1.L.B	University of North Carolina at Chapel Hill
Reliability of sensory-evoked activity in autism	$0	Q1.L.B	New York University

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Reducing disparities in Rimely Autism Diagnosis through Family Navigation	$99,999	Q1.S.C	Boston Medical Center
Reducing barriers to autism care in Latino children	$179,521	Q1.S.C	Oregon Health & Science University
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
Predicting the decline of social attention in infants at risk for autism	$179,388	Q1.L.A	University of California, Los Angeles
Predicting outcomes in autism with functional connectivity MRI	$14,998	Q1.L.B	National Institute of Mental Health
Predicting autism through behavioral and biomarkers of attention in infants	$34,688	Q1.L.A	University of South Carolina
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	$0	Q1.L.A	University of Pittsburgh
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	$0	Q1.L.A	Yale University
Physical and clinical infrastructure for research on infants at risk for autism	$449,353	Q1.L.A	Emory University
Perception of social and physical contingencies in infants with ASD	$301,268	Q1.L.B	Emory University
Novel metabolic biomarker for autism spectrum disorder	$121,557	Q1.S.E	Greenwood Genetic Center
Neurobehavioral research on infants at risk for SLI and autism	$588,872	Q1.L.A	Boston University
Neurobehavioral Analysis Core	$130,658	Q1.S.B	University of California, Davis
Neural predictors of language function after intervention in children with autism	$181,103	Q1.L.B	University of California, Los Angeles
Neural economics of biological substrates of valuation	$364,716	Q1.L.C	Virginia Polytechnic Institute and State University
Multimedia tool for psychology graduate student ASD assessment training	$1	Q1.S.A	Virtual Reality Aids, Inc.
MRI studies of early brain development in autism	$468,100	Q1.L.A	University of California, San Diego
Mobilized technology for rapid screening and clinical prioritization of ASD	$63,535	Q1.S.B	Stanford University
Measuring imitation and motor control in severe autism	$0	Q1.L.C	University of Washington
Leadership Education in Neurodevelopmental Disabilities	$2,500	Q1.S.B	University of Alabama at Birmingham
Language learning in autism	$0	Q1.L.C	Georgetown University
Intersensory perception of social events: Typical and atypical development	$134,355	Q1.L.C	Florida International University
Intelligent data capture and assessment technology for developmental disabilities	$721,082	Q1.S.B	Caring Technologies, Inc.

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Intelligent data capture and assessment technology for developmental disabilities	$322,828	Q1.S.B	Caring Technologies, Inc.
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of California, San Diego
Infants at risk of autism: A longitudinal study	$551,100	Q1.L.A	University of California, Davis
Improved early detection of autism using novel statistical methodology	$52,966	Q1.L.B	Yale University
IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS	$158,963	Q1.L.B	Joan and Sanford I Weill Medical College of Cornell University
Identifying early biomarkers for autism using EEG connectivity	$0	Q1.L.A	Boston Children's Hospital
Identification of candidate serum antibody biomarkers for ASD	$112,032	Q1.L.B	University of Texas Southwestern Medical Center
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	$0	Q1.L.B	Oregon Health & Science University
Growth charts of altered social engagement in infants with autism	$56,589	Q1.L.A	Emory University
Georgia Tech Non-Invasive Gaze Tracking Project	$0	Q1.S.B	Georgia Tech Research Corporation
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$144,000	Q1.L.B	Yale University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$147,531	Q1.L.B	University of Texas San Antonio
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$273,772	Q1.L.B	University of California San Diego
Gene dosage imbalance in neurodevelopmental disorders	$662,379	Q1.S.E	Weis Center for Research - Geisinger Clinc
FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD	$158,000	Q1.L.B	Albert Einsteign College of Medicine Yeshiva University
Functional brain networks in autism and attention deficit hyperactivity disorder	$0	Q1.L.B	Oregon Health & Science University
FMR 1-SLS: Improving fragile X diagnosis using amplification-free single locus ta	$149,176	Q1.S.B	Pacific Biosciences Of California, Inc.
fcMRI in infants at high risk for autism	$419,567	Q1.L.A	Washington University in St. Louis
Extraction of functional subnetworks in autism using multimodal MRI	$348,034	Q1.L.B	Yale University
Extracellular signal-related kinase biomarker development in autism	$115,779	Q1.L.B	Cincinnati Children's Hospital Medical Center - Research Foundation

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Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	$29,500	Q1.L.A	Georgia State University
Evaluation of pupillary light reflex as biomarker of neurodevelopmental disorder	$226,289	Q1.S.A	University of Missouri
ERK signaling and autism: Biomarker development	$2,405	Q1.L.B	University of California, San Francisco
Epigenetic biomarkers of autism in human placenta	$0	Q1.L.A	University of California, Davis
Enabling use of blood spot cards for accurate high throughput Fragile X screening	$1,142,346	Q1.S.A	Asuragen, Inc.
Electrophysiological correlates of cognitive control in autism	$127,805	Q1.L.B	University of California, Davis
Electrophysiological, metabolic and behavioral markers of infants at risk	$0	Q1.L.A	Boston Children's Hospital
EEG complexity trajectory as an early biomarker for autism	$208,800	Q1.L.A	Boston Children's Hospital
Early-Stage Visual Processing in ASD: Neurophysioloigcal Biomarkers Using Visual Evoked Potentials	$49,264	Q1.L.B	Icahn School of Medicine at Mount Sinai
Early social and emotional development in toddlers at genetic risk for autism	$354,246	Q1.L.A	University of Pittsburgh
Early quantitative characterization of reciprocal social behavior	$545,295	Q1.L.C	Washington University in St. Louis
Early Identification of ASD: Translating eye Tracking into Practice	$387,500	Q1.S.B	University of California, San Diego
Early detection of pervasive developmental disorders	$924,542	Q1.S.A	University of Connecticut
Divergent biases for conspecifics as early markers for autism spectum disorders	$213,420	Q1.L.A	New York University
Dissemination of multi-stage screening to underserved culturally-diverse families	$0	Q1.S.C	University of Massachusetts, Boston
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	$25,000	Q1.L.A	University of Pittsburgh
Development of face processing in infants with autism spectrum disorders	$393,228	Q1.L.B	Yale University
Development of a prospective video-based measure to identify ASD risk in infancy	$576,204	Q1.S.B	University of California, Davis
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	$150,000	Q1.S.B	University of California, Davis
Development of a novel biomarker test for autism risk screening	$363,789	Q1.S.A	Xen Biofluidx, Inc.
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	$0	Q1.L.B	Massachusetts General Hospital

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Developmental social neuroscience in infants at-risk for autism	$180,621	Q1.L.C	Yale University
Developing fNIRS as a brain function indicator in at-risk infants	$223,738	Q1.L.A	Birkbeck College
Developing a Sensory Reactivity Composite Score for the New DSM-5	$35,000	Q1.S.B	Icahn School of Medicine at Mount Sinai
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	$5,000	Q1.S.A	Yale University
Cortical activation to faces and objects in infants at high-risk for ASD	$51,705	Q1.L.A	University of South Carolina
Computer Assisted Autism Care (CAAC)	$0	Q1.S.B	Indiana University - Purdue University at Indianapolis
Comparative effectiveness of developmental-behavioral screening instruments	$680,452	Q1.S.B	Tufts Medical Center
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	Carnegie Mellon University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Southern California
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	Massachusetts Institute of Technology
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$19,200	Q1.L.B	Georgia Tech Research Corporation
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	Trustees of Boston University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Illinois at Urbana Champaign
Clinical and behavioral phenotyping of autism and related disorders	$1,954,272	Q1.L.B	National Institutes of Health
Characterizing autism-related intellectual impairment and its genetic mechanisms	$120,472	Q1.S.B	The Children's Hospital of Philadelphia
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	$110,870	Q1.Other	Cornell University
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	$169,295	Q1.L.A	Autism Consortium
Brain-behavior growth charts of altered social engagement in ASD infants	$304,231	Q1.L.A	Yale University
Biomarkers for autism and for gastrointestinal and sleep problems in autism	$0	Q1.L.A	Yale University

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Biomarkers and diagnostics for ASD	$0	Q1.S.A	Institute of Biotechnology
Baby Siblings Research Consortium	$2,698	Q1.S.B	Autism Speaks (AS)
Autism and the RASopathies	$0	Q1.S.B	University of California, San Francisco
Autism: Social and communication predictors in siblings	$723,431	Q1.L.A	Kennedy Krieger Institute
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	$124,998	Q1.S.A	Kennedy Krieger Institute
A Sociology of Testing, Diagnosis and Autism Spectrum Disorder	$476,869	Q1.S.C	University of Wisconsin-Madison
ASD prevalence by DSM-IV and DSM-5: Total population study	$0	Q1.Other	Nathan Kline Institute
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	$292,221	Q1.L.A	University of California, San Diego
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	$0	Q1.L.A	University of Colorado Denver
A network approach to the prediction of autism spectrum disorders	$176,592	Q1.L.A	Indiana University
Analysis of cultural appropriateness and necessary modifications of the Survey of Well Being for Young Children on Native American reservations	$0	Q1.S.B	University of Colorado Denver
Analyses of brain structure and connectivity in young children with autism	$222,933	Q1.L.B	University of California, Davis
A monkey model of naturally occurring low sociability	$222,461	Q1.Other	Stanford University
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	$359,738	Q1.L.A	University of North Carolina
A functional near-infrared spectroscopy study of first signs of autism	$67,573	Q1.L.A	Stanford University
Addressing Health Disparities in ASD Diagnosis, Services, and School Engagement	$282,459	Q1.S.C	University of Massachusetts
A Centralized Standard Database for the Baby Siblings Research Consortium	$117,851	Q1.L.A	University of California, Davis
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	$2,604,574	Q1.L.A	Boston Children's Hospital
ACE Center: The ontogeny of social vocal engagement and its derailment in autism	$159,324	Q1.L.A	Emory University
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	$173,955	Q1.L.A	University of California, Los Angeles